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# CORONAVIRUS

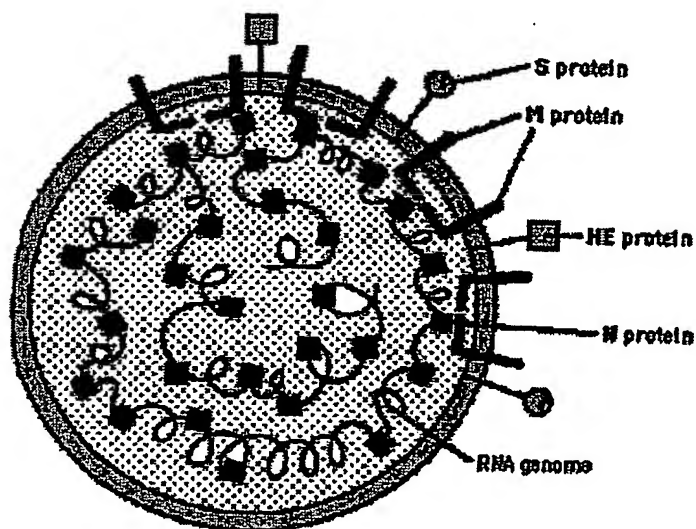


FIG. 1

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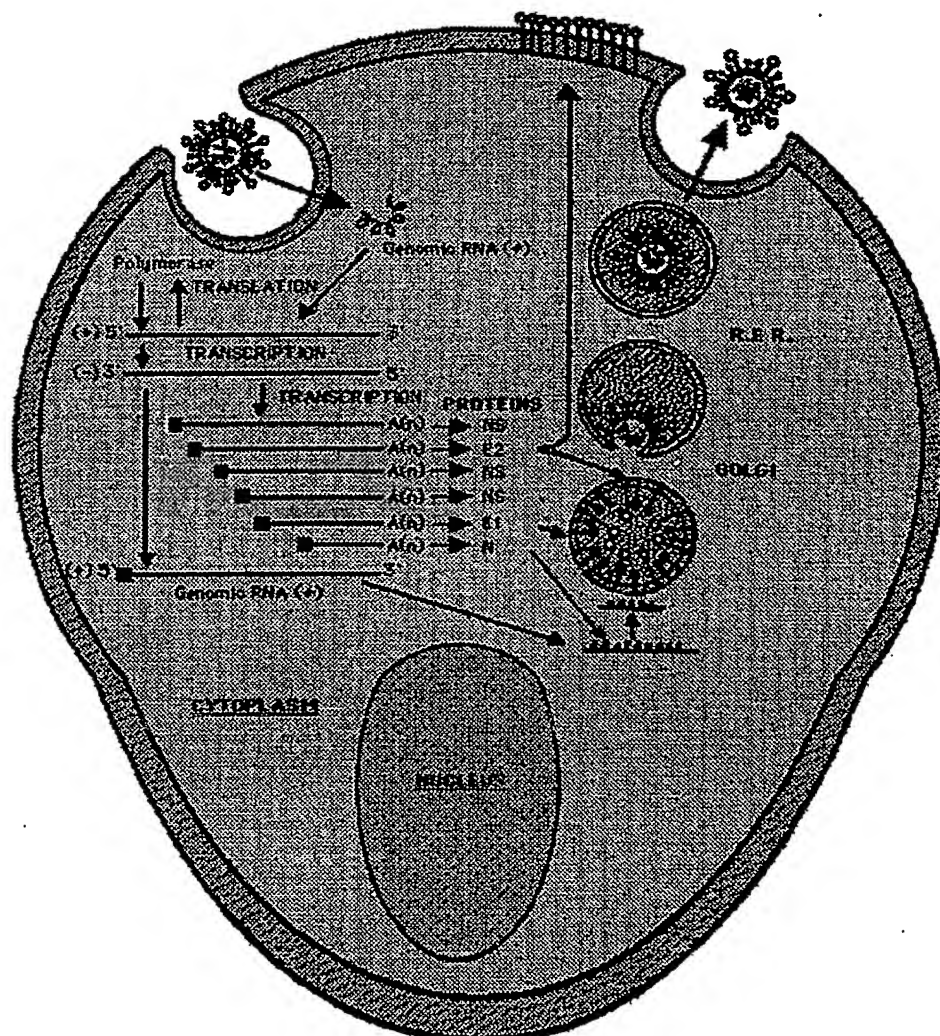


FIG. 2

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# RNA of SARS VIRUS

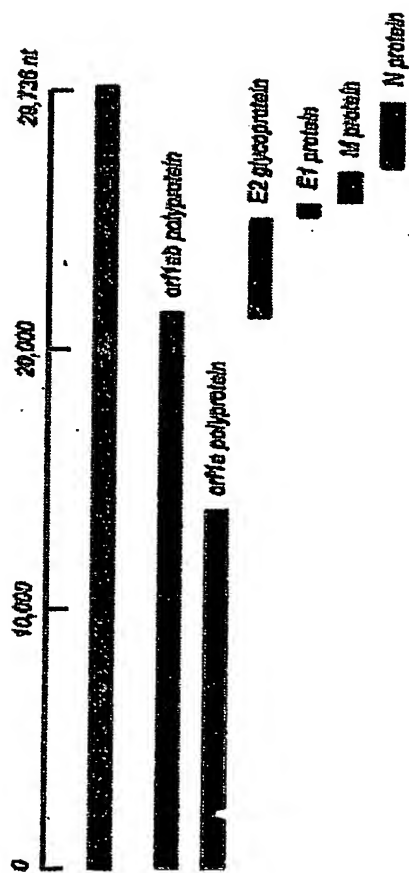
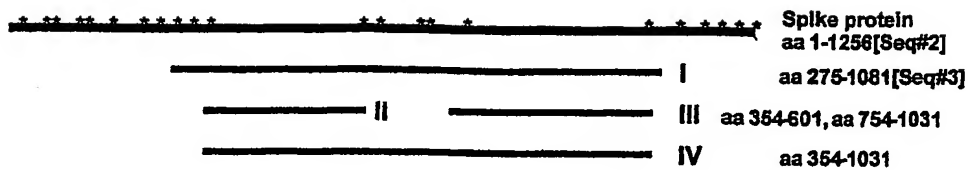


FIG. 3

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\* Denotes potential glycosylation site

FIG. 4

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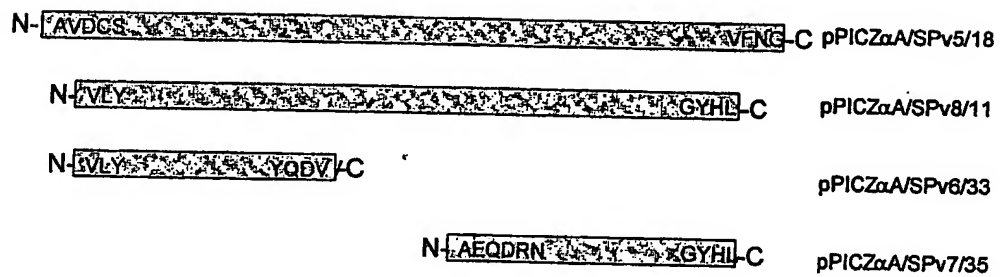
**SARs spike protein *Pichia* expression constructs**

FIG. 5

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## SARs expression constructs verification by restriction digestion

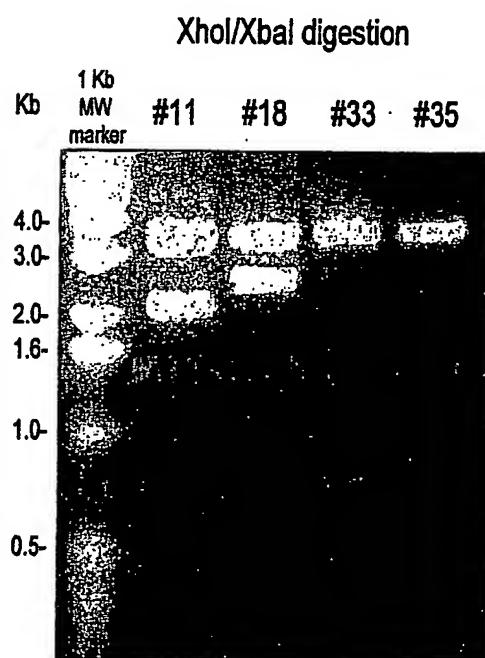
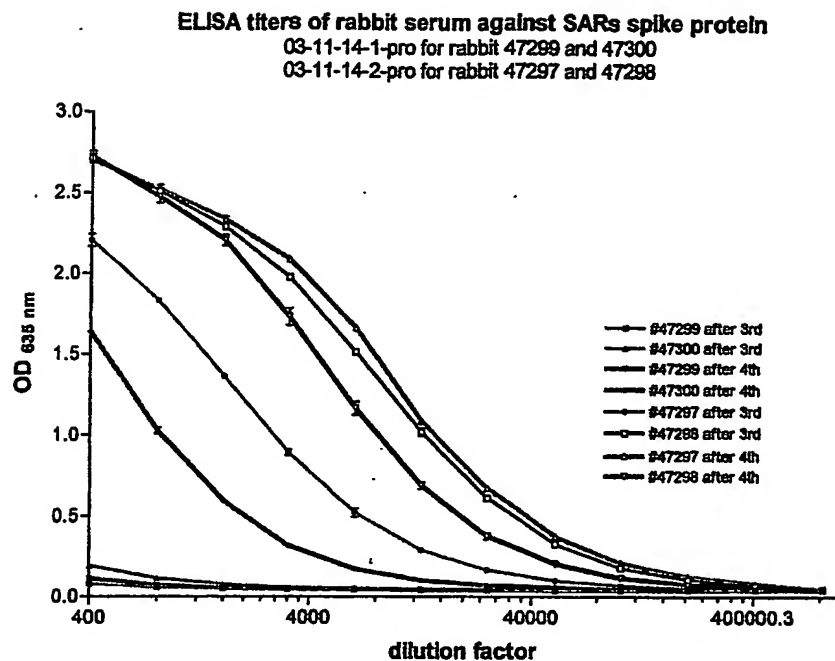


FIG. 6

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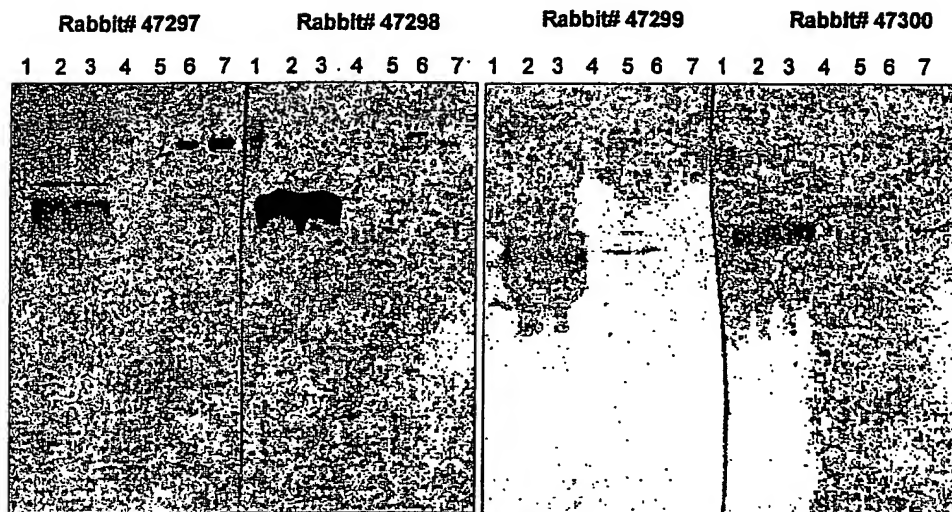
Peptide sequence to immunize rabbit #47297 and 47298: QILPDPLKPTKRSFI

Peptide sequence to immunize rabbit #47299 and 47300: TRNIDATSTGNINYKY

FIG. 7

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## Western blot analysis



1. Seabius Plus MW
2. 20 ul of Complete DMEM+10% FBS control media
3. 20 ul of Complete DMEM+10% FBS media from HEK293 cell transfected with spike protein
4. 20 ul of Opti-MEM media from HEK293 cell transfected with spike protein
5. 20 ul of Opti-MEM control media
6. 1.2 ug of spike protein produced by VRC
7. 1.1 ug of spike protein produced by PP

FIG. 8